

Title (en)

A SYSTEM AND METHOD FOR MANAGING DETRIMENTAL CARDIAC REMODELING

Title (de)

SYSTEM UND VERFAHREN ZUR KONTROLLE NACHTEILIGER HERZ-REMODELLIERUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE GESTION DE REMODÉLISATION CARDIAQUE NOCIVE

Publication

**EP 1753501 A2 20070221 (EN)**

Application

**EP 05756496 A 20050531**

Priority

- US 2005019089 W 20050531
- US 57512104 P 20040528

Abstract (en)

[origin: WO2005118062A2] A system and method for managing and inhibiting cardiac remodeling in MI patients. Bi-ventricular stimulation is constantly provided with and without sensing to encourage normal pumping of the heart on a consistent basis. Pulses are administered using an anodal pulse followed by a cathodal pulse to stimulate cardiac muscle contraction. Stem cells are administered to MI areas to encourage regeneration of cardiac tissue in the damaged area. Stimulation may be provide to both healthy and compromised cardiac tissue.

IPC 8 full level

**A61N 1/00** (2006.01); **A61N 1/36** (2006.01); **A61N 1/362** (2006.01); **A61N 1/368** (2006.01)

CPC (source: EP KR US)

**A61N 1/3627** (2013.01 - EP KR US); **A61N 1/36592** (2013.01 - KR); **A61N 1/3684** (2013.01 - KR); **A61N 1/36842** (2017.07 - EP US); **A61N 1/36843** (2017.07 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**WO 2005118062 A2 20051215**; **WO 2005118062 A3 20070412**; AU 2005250010 A1 20051215; CA 2566578 A1 20051215; CN 101076369 A 20071121; EP 1753501 A2 20070221; EP 1753501 A4 20080123; IL 179649 A0 20070515; JP 2008500883 A 20080117; KR 20070062455 A 20070615; MX PA06013845 A 20070416

DOCDB simple family (application)

**US 2005019089 W 20050531**; AU 2005250010 A 20050531; CA 2566578 A 20050531; CN 200580025177 A 20050531; EP 05756496 A 20050531; IL 17964906 A 20061128; JP 2007515490 A 20050531; KR 20067027594 A 20061228; MX PA06013845 A 20050531